CLAIMS

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A processing system for processing a document, said processing system comprising:

a programmable text processing module having means for loading the document and a parsing editor for initially parsing the document and thereafter incrementally parsing changes committed in said document;

a mark control module having means for setting a plurality of marks in the document, means for modifying said marks, and means for clearing said marks, and each of said marks comprising selected information in the document and means for linking said selected information with a command, said linking means being responsive to the operation of said parsing editor;

a graphical user interface module having means for displaying the document and means for controlling the display of the document; and

an edit control module having means for controlling said text processing module, means for controlling said mark control module, and means for controlling said graphical user interface module.

2. The processing system as claimed in claim 1, further including a command interface module, said command interface module comprising means for linking commands internal and external to said processing system to one or more selected marks.

3. The processing system as claimed in claim 1, wherein said linking means includes means, responsive to inputs entered by a user through said graphical user interface module, for activating a command linked with said selected information.

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1   4.   The processing system as claimed in claim 1, wherein said mark control module includes

2   means for changing the appearance of said mark in said document in response to activation of

3   said mark.

1   5.   The processing system as claimed in claim 1, wherein said edit control module maintains

2   the selected mark synchronized with text being edited in the document.

1   6.   The processing system as claimed in claim 2, wherein said linking means includes means,

2   responsive to inputs entered by a user through said graphical user interface, for activating a

3   command linked with said selected information.

7.   The processing system according to claim 6, wherein said means for linking selectively

links any piece of text in the document with any of an editor command and macro,

    wherein such linking is unspecified in the document loaded in the parsing editor, and

    wherein said mark is set to a piece of text by at least one of said parsing editor and an

external command running in the edit system.

8.   In a document processing system having means for loading and storing a document, a

parsing editor for initially parsing the document and thereafter incrementally parsing information

entered in the document, and a graphical user interface for displaying the document, a

mechanism for creating an activemark comprising:

    means for identifying selected information in the document; and

    means for binding a command to said selected information, said means for binding being

responsive to the operation of said parsing editor, and the activemark being created as said

parsing editor parses the document.

1   9.   The activemark mechanism as claimed in claim 8, further including means for modifying

2   the appearance of said selected information in the document being displayed in response to

3   activation of said activemark.

1   10.   The activemark mechanism according to claim 8, wherein the activemark mechanism

2   allows a selected activemark to be exclusively displayed in the edit view according to conceptual

3   relatedness.

1   11.   The activemark mechanism according to claim 10, wherein the activemark exclusively

2   displayed in the edit view according to conceptual relatedness is by type of activemark.

1   12.   The activemark mechanism according to claim 8, wherein said activemark is set to a

2   piece of text by at least one of said parsing editor and an external command running in the edit

3   system.

1   13.   In a document processing system having means for loading and storing a document, a

2   parsing editor for initially parsing the document and thereafter incrementally parsing information

3   entered in the document, and a graphical user interface for displaying the document, a method for

4   generating marks in the document, said method comprising:

5   selecting information for a mark in the document;

6   linking said selected information to a command, said linking operation being responsive

7   to the parsing by the parsing editor; and

8   activating said mark in response to an activation input.

1   14.   The method as claimed in claim 13, wherein said command comprises a command

2   internal to the processing system.

1   15.   The method as claimed in claim 13, wherein said command comprises a command

2   external to the processing system.

1   16.   The method as claimed in claim 13, further including altering the appearance of said

2   activemark in the document in response to activation of said activemark.

1   17.   A data storage medium recorded with a computer program which, in combination with a

2   general purpose computer loaded with an operating system and a parsing editor, equipped to read

3   into memory and execute program data from the data storage medium, comprising a method in

4   accordance with claim 13.

1   18.   A data storage medium recorded with a computer program which, in combination with a

2   general purpose computer loaded with an operating system and a parsing editor, equipped to read

3   into memory and execute program data from the data storage medium, comprising a method in

4   accordance with claim 14.

19.   A data storage medium recorded with a computer program which, in combination with a

general purpose computer loaded with an operating system and a parsing editor, equipped to read

into memory and execute program data from the data storage medium, comprising a method in

accordance with claim 15.

20.   A data storage medium recorded with a computer program which, in combination with a

general purpose computer loaded with an operating system and a parsing editor, equipped to read

into memory and execute program data from the data storage media, comprising a method in

accordance with claim 16.